

Apparatus for production of drinking water useful in disaster area

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SO Jpn. Kokai Tokkyo Koho, 7 pp.

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AB The app. comprises means for pumping tap water from pools through hollow-fiber membrane filter cartridges in series, means for backwashing the hollow-fiber membrane with air and clean water, means for dosing the filtrate with a disinfectant in a branch stream, means for driving a solenoid valve to control pressure drop and the flow of intake air during backwashing, and means for feeding the treated water into a storage tank. The app. is compact and extends the durability of filter cartridges.